XNET / MER INTERFACE ENCLOSURE

DO NOT ENTER TOP OF CONTROL PANEL

XNET A

XNET B

IN

OUT

SPARE

MOD-16-1

MOD-16-2

MOD-16-3

MOD-16-4

MOD-16-5

SR-35-1

SR-35-2

SR-35-3

SR-35-4

SR-35-5

SR-35-6

SR-35-7

SR-35-8

MOD-7

PS-5A

DM-31-1

DM-31-2

DM-31-3

DM-31-4

DM-31-5

DM-31-6

SR-33-1

SR-33-2

SR-33-3

SR-33-4

SR-33-5

SR-33-6

SR-33-7

SR-33-8

SR-34-1

SR-34-2

SR-34-3

SR-34-4

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SR-34-7

SR-34-8

SR-35-1

SR-35-2

SR-35-3

SR-35-4

SR-35-5

SR-35-6

SR-35-7

SR-35-8

3OB

2 1/2" 65C
CONTROL CIRCUITS
(SHUTDOWN)
FOR CONTINUATION SEE
PORT AUTHORITY DWG.

24VDC POWER
FROM PSR-1

2" 65C

XNET TRANSPONDER
INTERFACE DATA &
POWER CIRCUITS CNCT
FOR CONTINUATION SEE
C.W.I OF 4 IN THIS

FACTORY
WIRING

DECIMAL
NUMBERS
&
OCTAGON
NUMBERS

SIEMENS-ERSEDUS DIVISION
SPECIAL PROJECTS / WTC.

DETAIL "A" - TYPICAL

DETAIL "C" - TYPICAL

NOTES:

ALL WIRES & CABLES SHALL BE APPROVED FOR USE BY THE ENGINEER.

GROUNDING & BONDING SHALL BE AS REQUIRED BY THE NEC.

ALL WIRE & CABLE SHALL BE INSTALLED IN CONDUIT UNLESS OTHERWISE NOTED.

ALL WIRE & CABLE SHALL BE COLOR CODED AS FOLLOWS:
120 VOLT AC CIRCUITS - BLACK
24 VOLT DC CIRCUITS - BLUE
COMMON - WHITE
GROUND - GREEN

ALL CONDUCTORS SHALL BE STRANDED COPPER.

ALL CONDUCTORS SHALL BE NUMBERED AT BOTH ENDS.

ALL CONDUCTORS SHALL BE TERMINATED ON TERMINAL BLOCKS.

CONTROL CIRCUITS SHALL BE #14 AWG MINIMUM.

POWER CIRCUITS SHALL BE #12 AWG MINIMUM.

CONTROL CIRCUITS SHALL BE #16 AWG MINIMUM.

ALL CONDUCTORS SHALL BE RATED FOR 600 VOLTS.

CONTROL CIRCUITS SHALL BE RATED FOR 300 VOLTS.

ALL CONDUCTORS SHALL BE RATED FOR 90°C.

ALL CONDUCTORS SHALL BE RATED FOR WET LOCATIONS.

ALL CONDUCTORS SHALL BE RATED FOR DIRECT BURIAL.

ALL CONDUCTORS SHALL BE RATED FOR SUNLIGHT RESISTANCE.

ALL CONDUCTORS SHALL BE RATED FOR FLAME RETARDANCE.

ALL CONDUCTORS SHALL BE RATED FOR SMOKE RETARDANCE.

ALL CONDUCTORS SHALL BE RATED FOR LOW SMOKE.

ALL CONDUCTORS SHALL BE RATED FOR LOW TOXICITY.

ALL CONDUCTORS SHALL BE RATED FOR LOW CORROSIVITY.

ALL CONDUCTORS SHALL BE RATED FOR LOW FLAMMABILITY.

ALL CONDUCTORS SHALL BE RATED FOR LOW HALOGEN.

ALL CONDUCTORS SHALL BE RATED FOR LOW FLUORINE.

ALL CONDUCTORS SHALL BE RATED FOR LOW CHLORINE.

ALL CONDUCTORS SHALL BE RATED FOR LOW BROMINE.

ALL CONDUCTORS SHALL BE RATED FOR LOW IODINE.

ALL CONDUCTORS SHALL BE RATED FOR LOW ASTATINE.

ALL CONDUCTORS SHALL BE RATED FOR LOW TENNESSINE.

ALL CONDUCTORS SHALL BE RATED FOR LOW OGANESSON.

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ALL CONDUCTORS SHALL BE RATED FOR LOW PENTTRIUNIUM.

ALL CONDUCTORS SHALL BE RATED FOR LOW PENTTRIBIUM.

ALL CONDUCTORS SHALL BE RATED FOR LOW PENTTRITRIUM.

ALL CONDUCTORS SHALL BE RATED FOR LOW PENTTRIQUADIUM.

ALL CONDUCTORS SHALL BE RATED FOR LOW PENTTRIPENTIUM.

ALL CONDUCTORS SHALL BE RATED FOR LOW PENTTRIHEXIUM.

ALL CONDUCTORS SHALL BE RATED FOR LOW PENTTRISEPTIUM.

ALL CONDUCTORS SHALL BE RATED FOR LOW PENTTRIOCTIUM.

ALL CONDUCTORS SHALL BE RATED FOR LOW PENTTRIENNIUM.

ALL CONDUCTORS SHALL BE RATED FOR LOW PENTQUADUNIUM.

ALL CONDUCTORS SHALL BE RATED FOR LOW PENTQUADBIUM.

ALL CONDUCTORS SHALL BE RATED FOR LOW PENTQUADTRIUM.

ALL CONDUCTORS SHALL BE RATED FOR LOW PENTQUADQUADIUM.

ALL CONDUCTORS SHALL BE RATED FOR LOW PENTQUADPENTIUM.

ALL CONDUCTORS SHALL BE RATED FOR LOW PENTQUADHEXIUM.

ALL CONDUCTORS SHALL BE RATED FOR LOW PENTQUADSEPTIUM.

ALL CONDUCTORS SHALL BE RATED FOR LOW PENTQUADOCTIUM.

ALL CONDUCTORS SHALL BE RATED FOR LOW PENTQUADENNIUM.

ALL CONDUCTORS SHALL BE RATED FOR LOW PENTPENTUNIUM.

ALL CONDUCTORS SHALL BE RATED FOR LOW PENTPENTBIUM.

ALL CONDUCTORS SHALL BE RATED FOR LOW PENTPENTTRIUM.

ALL CONDUCTORS SHALL BE RATED FOR LOW PENTPENTQUADIUM.

ALL CONDUCTORS SHALL BE RATED FOR LOW PENTPENTPENTIUM.

ALL CONDUCTORS SHALL BE RATED FOR LOW PENTPENTHEXIUM.

ALL CONDUCTORS SHALL BE RATED FOR LOW PENTPENTSEPTIUM.

ALL CONDUCTORS SHALL BE RATED FOR LOW PENTPENTOCTIUM.

ALL CONDUCTORS SHALL BE RATED FOR LOW PENTPENTENNIUM.

ALL CONDUCTORS SHALL BE RATED FOR LOW PENTHEXUNIUM.

ALL CONDUCTORS SHALL BE RATED FOR LOW PENTHEXBIUM.

ALL CONDUCTORS SHALL BE RATED FOR LOW PENTHEXTRIUM.

ALL CONDUCTORS SHALL BE RATED FOR LOW PENTHEXQUADIUM.

ALL CONDUCTORS SHALL BE RATED FOR LOW PENTHEXPENTIUM.

ALL CONDUCTORS SHALL BE RATED FOR LOW PENTHEXHEXIUM.

ALL CONDUCTORS SHALL BE RATED FOR LOW PENTHEXSEPTIUM.

ALL CONDUCTORS SHALL BE RATED FOR LOW PEN